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WHAT IS CLAIMED IS:

1. A contactless radio frequency magnetic field data transmission card, for transceiving a message with a radio frequency (RF) magnetic field identification reader, comprising:

an antenna module;

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a micro processing unit for transceiving the message according to a transmission protocol; and

a magnetic field identification chip, coupled to the antenna module and the micro processing unit, for converting the message into a magnetic field signal and then transmitting the magnetic field signal through the antenna module, and converting a magnetic field signal received by the antenna module into the message.

- 2. The contactless radio frequency magnetic field data transmission card of claim 1, wherein the micro processing unit comprises a micro controller and a liquid crystal display.
- 3. The contactless radio frequency magnetic field data transmission card of claim 2, wherein the micro processing unit further comprises an input peripheral.
- 4. The contactless radio frequency magnetic field data transmission card of claim 1, wherein a package according to the transmission protocol comprises a 4-bit package header, a 4-bit code, a message string with a length dependent on the 4-bit code.
- 5. The contactless radio frequency magnetic field data transmission card of claim 1, wherein the magnetic field identification chip is a W55MID50 chip, manufactured by Winbond Electronics Corporation.
- 6. The contactless radio frequency magnetic field data transmission card of claim 1, wherein the contactless radio frequency magnetic field data transmission card is used as

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an e-purse.

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- 7. The contactless radio frequency magnetic field data transmission card of claim 1, wherein the contactless radio frequency magnetic field data transmission card is used as an e-card.
- 8. A contactless radio frequency magnetic field data transmission system, comprising:

a radio frequency magnetic identification reader, having a magnetic identification chip for transceiving a magnetic field signal; and

a contactless radio frequency magnetic field data transmission card, having a magnetic identification chip for transceiving the magnetic field signal,

wherein a message is transmitted between the radio frequency magnetic identification reader and the contactless radio frequency magnetic field data transmission card according to a transmission protocol.

- 9. The contactless radio frequency magnetic field data transmission system of claim 8, wherein the contactless radio frequency magnetic field data transmission card further comprises an antenna module and a micro processing unit.
- 10. The contactless radio frequency magnetic field data transmission system of claim 9, wherein the micro processing unit comprises a micro controller and a liquid crystal display.
- 11. The contactless radio frequency magnetic field data transmission system of claim 10, wherein the micro processing unit further comprises an input peripheral.
 - 12. The contactless radio frequency magnetic field data transmission system of claim 8, wherein the magnetic field identification chip is a W55MID50 chip, manufactured by Winbond Electronics Corporation.

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- 13. The contactless radio frequency magnetic field data transmission system of claim 8, wherein the contactless radio frequency magnetic field data transmission card is an e-card.
- 14. The contactless radio frequency magnetic field data transmission system of claim 8, wherein the contactless radio frequency magnetic field data transmission card is an e-purse.
 - 15. The contactless radio frequency magnetic field data transmission system of claim 8, wherein the radio frequency magnetic identification reader is an e-card.
- 16. The contactless radio frequency magnetic field data transmission system of

 claim 8, wherein the a package according to the transmission protocol comprises a 4-bit

 package header, a 4-bit code, a message string with a length dependent on the 4-bit

 code.